

ABSTRACT OF THE DISCLOSURE

Hydrocarbon conversion processes using a new family of zeolites identified as UZM-8 and UZM-8HS are described. The UZM-8 and UZM-8HS are related in that the UZM-8HS are derived from the UZM-8 zeolite by treating the UZM-8 with a fluoro-silicate salt, an acid, etc. The UZM-8 and -8HS have unique x-ray diffraction patterns. These zeolites can be used in alkylation of aromatics, transalkylation of aromatics, isomerization of aromatics and alkylation of isoparaffins.